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artificial method of using **neural networks** (ANNs) as oppose to BNNs(biological) to study **low level brain** function - the above for **high level brain** function. .... QUANTUM PHYSICS IN NEUROSCIENCE AND PSYCHOLOGY: A NEUROPHYSICAL MODEL OF ...

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we **model** the brain into computers? Even before this question another question ... The inclusion of **Neural Networks** or some method relating to it should be avoided ..... **Low Level Brain. High Level Brain.** Self analyzer or. consciousness ...

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## 7. [PDF] Contribution of Exploratory Methods to the Investigation of ...

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mostly considers "**high-level** brain functions of which cognition is ... of some **low-level** brain functions, such as vision and audition processing). .... and Friston, 2003; David et al., 2004] and large-scale **neural models** [Tagamets and ...

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## 8. AI Development

Reducing AGI complexity: copy only **high level** brain design ... So, if **low level** brain design is incredibly complex - how do we copy it? .... (3) Attractor **neural** network theory and computational **modeling**. With a background in one of ...

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## 9. Audio-Visual Affect Recognition

the **low-level** brain processing. Recently, there has been an increasing number of studies to ex- ... the Feeltrace tool [18] to label the data and use a **neural** network ... These states could require **high-level** brain pro- ... This face tracker uses a 3-D facial mesh **model** which is embedded ...

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forward **model** does not fit with the brain. architecture. ... **high-level** and **low- level** brain modules. linked by re-entrant pathways. The feedback from **high-level** brain. processes modulates the connectivity in ..... "The **neural** basis of perceptual bi- stability: evidence from ambiguous motion displays" ...

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